

AN ENVIRONMENTAL ANALYTICAL LABORATORY

# COMPREHENSIVE VALIDATION PACKAGE

# ATL Applications INVENTORY SHEET

# WORK ORDER # 0909127A

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-Surrogate Recovery Summary (If Applicable)	, , ,	
-Chromatogram(s) and Ion Profiles (If Applicable)		
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(Signature) (Print Name	& Title)	(Date)



#### Work Order Summary

CLIENT:

Mr. Taeko Minegishi

BILL TO:

Accounts Payable

Environmental Health & Engineering,

Environmental Health & Engineering, Inc.

Inc.

117 Fourth Avenue

117 Fourth Avenue Needham, MA 02494 Needham, MA 02494

PHONE:

800-825-5343

P.O. #

16512

FAX:

781-247-4305

PROJECT#

16512

DATE RECEIVED:

09/04/2009

CONTACT: Ausha Scott

DATE COMPLETED:

09/18/2009

FRACTION#	NAME	TEST
01A	100788	ATL Applications
02A	100789	ATL Applications
03A	100790	ATL Applications
03AA	100790 Lab Duplicate	ATL Applications
04A	100791	ATL Applications
05A	100792	ATL Applications
06A	100793	ATL Applications
07A	102422	ATL Applications
08A	102423	ATL Applications
09A	102424	ATL Applications
10A	102425	ATL Applications
11A	102426	ATL Applications
12A	102427	ATL Applications
13A	102492	ATL Applications
14A	102493	ATL Applications
15A	102494	ATL Applications
15AA	102494 Lab Duplicate	ATL Applications

Continued on next page



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117 Fourth Avenue

117 Fourth Avenue Needham, MA 02494

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PHONE:

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FAX:

DATE RECEIVED:

781-247-4305 09/04/2009

PROJECT#

16512

DATE COMPLETED:

09/18/2009

CONTACT:

Ausha Scott

FRACTION#

NAME

TEST

16A 17A

102495 Method Blank **ATL Applications ATL Applications** 

17B

Method Blank

**ATL Applications** 

18A

CCV

**ATL Applications** 

CERTIFIED BY:

Sinda d. Truman

09/18/09



# LABORATORY NARRATIVE Nitrogen Dioxide by Radiello 166 Environmental Health & Engineering, Inc. Workorder# 0909127A

Sixteen Radiello 166 (NO2) samples were received on September 04, 2009. The procedure involves extraction of nitrite from reaction of NO2 with triethanolamine. Absorbance of nitrite is then measured at 537 nm using a spectrophotometer. Results are reported in uG and uG/m3.

Sampling rate of 141 mL/min was provided by the manufacturer.

### **Receiving Notes**

There were no receiving discrepancies.

# **Analytical Notes**

Results were calculated based on 25 deg C without temperature correction. The actual exposure time was used to calculate sample concentrations and reporting limits.

An exposure time of 21600 minutes was used for the QC samples.

All media used for the sampling were supplied by the client. Blank subtraction was not performed on the sample results since the media used for Method Blanks may be from a different lot than the media used for the samples.

# **Definition of Data Qualifying Flags**

Eight qualifiers may have been used on the data analysis sheets and indicate as follows:

- B Compound present in laboratory blank greater than reporting limit.
- J Estimated value.
- E Exceeds instrument calibration range.
- S Saturated peak.
- Q Exceeds quality control limits.
- U Compound analyzed for but not detected above the detection limit.
- M Reported value may be biased due to apparent matrix interferences.
- N The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

# Sample Results and Raw Data

# AIR TOXICS LTD.

# ATL Application # 61 for RAD 166 (Nitrogen Dioxide)

Spectrophotometer

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B	N	0.20	0.32	1.00	9/8/2009	8	B/L-W/ZL6060	Wednod Blank
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0.31	0.43	0.23	0.32	1.00	9/8/2009	9/1/2009	0909127A-16A	102495
		· · · · · · · · · · · · · · · · · · ·	以 · · · · · · · · · · · · · · · · · · ·			では、大きのでは、		
3.4	4.7	0.23	0.32	1.00	9/8/2009	9/1/2009	0909127A-15AA	102494 Lab Duplicate
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3.6	5.0	0.23	0.32	1.00	9/8/2009	9/1/2009	0909127A-15A	102494
0.46	0.65	0.23	0.32	1.00	9/8/2009	9/1/2009	0909127A-14A	102493
70.0								
083	0.87	0.23	0.32	1.00	9/8/2009	9/1/2009	0909127A-13A	102492
2	3	020	U-3Z	1.00	2/0/2/0/6	5	03031717-177	
			<b>有利的人的人</b>	8	0.00000	NA	00001070 400	102427
0.50	0.76	0.22	0.32	1.00	9/8/2009	9/1/2009	0909127A-11A	102426
		10000000000000000000000000000000000000			は 日本の		不 一种种种的人	
1.4	22	0.22	0.32	1.00	9/8/2009	9/1/2009	0909127A-10A	102425
							The second secon	
2.4	3.7	0.22	0.32	1.00	9/8/2009	9/1/2009	0909127A-09A	102424
0.91	1.4	0.22	0.32	1.00	9/8/2009	9/1/2009	0909127A-08A	102423
				· · · · · · · · · · · · · · · · · · ·			五 · · · · · · · · · · · · · · · · · · ·	
2.3	3.4	0.22	0.32	1.00	9/8/2009	9/1/2009	0909127A-07A	102422
8	8	0.20	0.32	1.00	9/8/2009	¥	0909127A-06A	100793
0.96	1.6	0.20	0.32	1.00	9/8/2009	9/1/2009	0909127A-05A	100792
1.8	3.0	0.20	0.33	1.00	9/8/2009	9/1/2009	0909127A-04A	100791
3.0	4.9	0.20	0.32	1.00	9/8/2009	9/1/2009	0909127A-03AA	100790 Lab Duplicate
2.9	47	0.20	0.32	1.00	9/8/2009	9/1/2009	0909127A-03A	100790
2.0	3.3	0.20	0.32	1.00	9/8/2009	9/1/2009	0909127A-02A	100789
1.9	3.1	0.20	0.32	1.00	9/8/2009	9/1/2009	0909127A-01A	100788
(ug/m3)	(ug)	(ug/m3)	(ug)	Factor	Date	Date	Sample LD.	Sample LD.
		Donatine link	Donostino I imit	Dilution	Analysis	Collection	l ah	Field

COMMENTS: 1. NA=Not Applicable
2. ND=Not Detected
3. Exposure time of 21600 minutes was assumed for the QC samples.
4. Background subtraction not performed.

	17 TV	****	989 V 20 V 20 V 20 V 20 V 20 V 20 V 20 V 20	Dioxide Radiello Calculation Worksheet Workorder #: 033 Sampling Rate (ng/(ppb*min)) 0 Sampling T (deg C) Volume (mt) Date of Analysis: 9/6 Corrected Q 0 LabSampleID C
	Method Blank Method Blank CCV	1000 1000 1000 1000 1000 1000 1000 100	100788 100789 100790 100790 Luo Ouplicato 100791 100793 100423 100423 100443	Vorksheet  0909127/A  0.141  25  5  9/8/2009  0.141  Client
		9/1/2009 9/1/2009 9/1/2009 9/1/2009 9/1/2009		Typically 0.96 for NO2 Typically 25 Typically 5 for NO2 Typically 5 for NO2 S into account temp Date of Collection
QC Duration 21600		0.073 20190 0.084 20190 0.090 21600 0.097 18720 0.091 18720 0.151 18720 0.143 18720 0.025 18720		Abs Duration
	555555	5555555	555555555	<b>9</b>
CCV Spike Amt ug per 0.5 mL 3.25	-0.047291718 -0.047291718 -0.047291718 -0.047291718 -0.010993264 -0.003526117 3.274016797	0.217686994 0.076123024 -0.010993264 0.087012561 0.065233488 0.500814933 0.47177617	0.312062974 0.330212201 0.468146325 0.493555242 0.297543592 0.155979623 -0.007363419 0.344731582 0.137830396 0.366510654	(Abs-Y-int)xDF Slope Slope Conc (ug) (for
-	-0.472917182 -0.472917182 -0.472917182 -0.472917182 -0.109932645 -0.08526117 32.74016797	2.17686994 0.761230245 -0.109932645 0.870125606 0.652334883 5.00814933 4.7177617	3.120629737 3.302122005 4.681463247 4.935552423 2.975435922 1.559796227 -0.073634191 3.44731582 1.378303958 3.665106542	(Conclugbs (ml) (D.5ml (D.5ml Conc (ug) in full 5 ml of
	#DIV/0! #DIV/0! #DIV/0! #DIV/0! -0.036 0.012	0.766 0.268 -0.036 0.330 0.247 1.897 1.787 0.165	1.025 1.084 1.537 1.621 0.977 0.512 -0.024 1.213 0.485 1.289	1000ng/lug  Conc (ug) x 1000 Q x Duration  Conc (ppb)
	#204/00 #204/00 #204/00 #204/00 #0.0022	0000 2920 2920 2020 2000 1741	7-75 	<u>pplx mw</u> 24.45 Conc (ug/m3)
	0.033 0.033 0.033 0.033 0.033 0.033	0.033 0.033 0.033 0.033	0.033 0.033 0.033 0.033 0.033 0.033	Low PointxOF  Rt(ug) for 0.5

1000mg/1wg

			88			038				233		CEC.	0.35	223	0.325	0.325	RL (ug) in full 5 mL of sample				RL(ug)x5 (ml.) 0.5mL
0.1 0.1 0.1 0.1/0i #DM/0i #DM/0i	2 2	2 2	0.1	2 1	2 2	0.1	01	01	10	1.0	01	01	0.1	01	0.1	0.1	RL (ppb)				RL (ug) x 1000 Q x Duration
DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANCE DENANC			0.732	6,730	625	0.215	0.215	8215	0215	0.201	020	0.201		1020	200	<b>1020</b>	RL (ug/m3)				<u>ppbx mw</u> 24.45
ND ND ND 32,74016797	0.434544161	5.00814933	0.652334883	0.870125606	0.761230245	2.17686994	3.665106542	1.378303958	3.44731582	B	1.559796227	2.975435922	4.935552423	4.681463247	3.302122005	3.120629737	Result (ug)				
#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!  *DIV/0! *DIV/0!	0.309733322	3.569696399	0.464969659	0.620205996	0.503831554	1.440793731	2.42580525	0.912250964	2.281657223	N	0.963549366	1.838047397	3.048890826	2.891929641	2.039854635	1.927739503	Result (ug/m3) %Rec				
%Rec 101													3	2	9		GRec NO2				
												65 3.25		0.325 0.1625		0	of ug of NO2	STD	Aliquot of Cal	0.5 mL	Calibration Data
													5 0.192		5 0.019	0	absorbance				
														73	Y-int	Slope					9/8/2009 Linear Regression
															PASSET STATES						Regression

# QC Results and Raw Data

# Spectrophotometer Logbook

@Air Toxics Ltd.

Log Book #: \_\_1873

09091274 Work Order:

Method:

Rad 166

537 nm

Wavelength:

Date:

Prep. Notes:

Analyst:

Mike Skidmore

Standard ID	Concentration	ABS
1858-34-0.065	0.065 10 mL	0.019
0.325	0.325	0.056
-1.3	1.3	0.192
· 6.5	6.5	0.918
-13	13 ↓	1.799

r = 0.9999 b = 0.01303

Fraction	Dilution	ABS	Sample ID	Sample Volume
OIA	1.00	0.099	100 788	5,0 mL
A50		0.104	100789	
O3A		0.142	100790	
OBAA		0.149	100790	
OHA		0.095	100791	
05A		0.056	100792	i
COA		0.011	100793	
07A		0.108	102422	
OSA		0.051	102423	
APO		0.114	102424	
IOA_		0.073	102425	
- IIA		0.034	102426	
ASI		0.010	102427	
13A		0.037	102 492	
14 A		0.031	102 493	
15A		0.151	102494	
15AA		0.143	102494	
164		0.025	102 495	
BIK		0.010	N/A	
BIK		0.014		
_ccv/scs_		0.915		

Notes:	_CCV	LCS	C	6	50	lm	
	Blank	Cart	dats	٠,	Let	#	09150

Page 3

Signed:

Date: 9/10/09

Revised 05/07

Spectrophotometer Standard Preparation Log	@Air Toxics Ltd.	Log Book #: <u>1858</u>
Standard ID: 1858-34  Project: Calibration Solution Rad 166  Analyst: A. Toyama  Preparation Date: 9/8/09  Expiration Date: 9/8/09	Solvent:	H <sub>2</sub> O NA
50 ml DI Azo to Jield 13 solution dilute to make: 65 "9 ml 1.3 "9 m 0.325 "9/ml	Nitrite 97% (	Trem this
and add 5mL of sulphanilamide	EDA solution 5	sust made.  Sust made.  Stir and wait  I'm and wait
9/s/c	)9	
Page 34 Signed Date	Reviewed	9/8/6/ Date Rev. 8/97

Spectrophotometer Standard Preparation Log	@Air Toxics Ltd. Log Book #: <u>1858</u>
Standard ID: 1858-34  Project: Calibration Solution Rad Koto  Analyst: A Toylama  Preparation Date: 9/8/09  Expiration Date: 9/8/09	Solvent: DT H <sub>2</sub> O Solvent Lot #: NA
Procedure/Comments: Dissolve 5mg Sodium  10 250 ml DT H20 to Tield 13  Solution dilute to make:  65 "SlmL 1.3"9lm 0.325"9/mL	my or 13 me From this
(315:630) (130:650) (150:600)	(100:500) - all in 1 from cone.
and add 5mL of sulphanilamide	EDA solution, stir and wait
/	
9/8/0	)9
Companies and a section of the analysis of the section of the sect	The state of the s
	2/10/10/10/10/10/10/10/10/10/10/10/10/10/
Page 34 Signed Date	Reviewed Date Rev. 8/97

# **Shipping/ Receiving Documents**



# 180 Blue Ravine Road, Suite B Folsom, CA 95630

# Phone (916) 985-1000 FAX (916) 985-1020 Hours 8:00 A.M. to 6:00 P.M. Pacific

COMPANY:	Environmental Health & Engineering, Inc.	
ATTENTION:	Mr. Taeko Minegishi	
FAX #:	781-247-4305	
FROM:	Sample Receiving	
Workorder #:	0909127A	
# of pages (Including Cover):	4 .	
Contract of the second		

# 9/22/2009

Thank you for selecting Air Toxics Ltd. We have received your samples and have found discrepancies. In order to expedite analysis and reporting, please review the attached information for accuracy. Corrections can be faxed to **Ausha Scott at 916-985-1020**.

ATL will proceed with the analysis as specified on the Chain of Custody and Sample Login page.

In accordance with your company's contract, this account is required to have a PO that is fully executed by both parties which also covers the cost of the workorder before any data can be released. Please ensure that you have given all appropriate information to our Project Manager so that there will be no delay in reporting of the data you are requesting.

Your prompt response is appreciated.

# Environmental Health & Engineering, Inc.

13A 13A 14A 157A 15A

1845 ASC

# **CHAIN OF CUSTODY FORM**

DATE:	3	SEP	09
-------	---	-----	----

FROM: Environmental Health and Engineering, Inc.

то:	r Tox	acs		Ne Please se	Fourth Avenue edham, MA 0249 and invoices to A and reports to AT	94-2725 ATTN: Acco	unts Pa			
In all correspo	ndence r	egarding	this matter, plea	ase refer to EH&E Proj	ect #165	12			_	
				E Purchase Order # _		12				
			IRGENT DATA						_	
SAMPLE ID	SAMP	LE TYPE	ANALYTICAL METHOD/NUMBER START				OTHER:Time/Date/Vol.			
881001	AR TA	BIVE	4	HF AMMYSIS			9/1/0		1	
100789				1,123,123			1	-	-	
100790										
100791										
100792										
100793	4.				and the same of th	- Indian	$\phi$			
1024-22					818	57	9/1	09		
102423			,					•		
1024-24										
102425			,							
102426								-,		
102427						_		)		
102492					8/19/0	9	911	09		
102493										
102494										
102495			****	<u></u>						
Special Instru	<b>A</b>	Fax resul	turn around tin	05	date/time	CUSTO	DYBEAD	. INTAOYT		
			SAMPLES  I report recipier	nt mtragala e el	ransfer - datacoo	ordinger	CHE TO L	160 4 °C		
Each signat	-	` '	<i>i</i>	y of this form to t		dress				
Relinquished b	y: /	alt	of E	nvironmental Health &	Engineering, Inc		: 9/3	.1		
Received by: _	R. L	). •	of (c	company name)	a4 B	Date	: 67 / 1	(A) (C)		
Relinquished b	y:		of (c	ompany name)		Date	:			
Received by: _			of (c	ompany name)		Date	:			
Relinquished b	y:		of (c	ompany name)		Date	:			
Received by: _			of (c	ompany name)		Date	:			
.ab Data Received by: _			of E	nvironmental Health &	Engineering, Inc	c. Date	:			
								. 3		



#### Work Order Summary

CLIENT:

Mr. Taeko Minegishi

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Environmental Health & Engineering,

Environmental Health & Engineering,

Inc.

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781-247-4305

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DATE COMPLETED:

09/18/2009

Ausha Scott

12A       102427       ATL Application         13A       102492       ATL Application         14A       102493       ATL Application         15A       102494       ATL Application         15AA       102494 Lab Duplicate       ATL Application	011 022 032 033 044 055 066 077 088 092 111 122 133 144 155	A A A A A A A A A A A	102427 102492 102493 102494 102494 Lab Duplicate	TEST ATL Applications
				ATL Applications

Continued on next page



# Work Order Summary

CLIENT:

Mr. Taeko Minegishi

BILL TO:

Accounts Payable

Environmental Health & Engineering,

Environmental Health & Engineering,

117 Fourth Avenue

117 Fourth Avenue Needham, MA 02494

Needham, MA 02494

PHONE:

800-825-5343

P.O. #

16512

FAX:

781-247-4305

16512

DATE RECEIVED:

09/04/2009

09/18/2009

PROJECT #

DATE COMPLETED:

CONTACT: Ausha Scott

FRACTION# NAME TEST Method Blank **ATL Applications** 17A 17B **ATL Applications** Method Blank **ATL Applications** 18A CCV

CERTIFIED BY:

Linda d. Fruman

09/18/09

# Other Records



# Method: ATL Application #61 NO2-Radiello 166

CAS Number	Compound	Rpt. Limit (ug)		
10102-44-0	Nitrogen Dioxide	1.0		

@Air Toxics Ltd.

				]	DATA REVIEW CHECKLIST Work Order #: 0909127A	1
$\mathbf{A}_{1}$	A <sub>2</sub> R	T	M			
	00		D		Analysis/Reporting vs. Project Profile/SOP requirements checked (i.e. 100% Dups, J-Flag to	MDL, etc)
	Ø				The final report has the correct reporting list, special units, and header info.	
	(1)		140		Lab Narrative is correct (proper method & description/Receiving & Analytical notes correct)	
	_ NB	0//	HILIDA CO.		Sample Discrepancy Report (SDR) is completed	
	<u> </u>				Corrective Action issued - #	
			世		Unusual circumstances have been documented in the notes section below	
	U.			LUM	MEN validation report present and initialed CIRCLE (YES /NO)	¥
	00			_	Lab Blank, CCV, LCS and DUP met QC criteria	
			8		Hold time is met for all samples	
	MA				Appropriate data qualifier flags are applied	
	17		F		Manual integrations for samples and QC are properly documented	0
					Samples analyzed within the project or method specific clock	
	1 H				Retention times have been verified	1
					Appropriate ICAL(s) included	
	12		4		At least one result per sample is verified against the target quant sheets/raw data	
					Dilution factor correctly calculated (sample load volume, syringe and bag dilutions, can	
П	n =/	_			pressurization(s))	
					Correct amount of sample analyzed (i.e. sample not over-diluted)	
	NB.		-		Spectra verified - documentation of spectral defense included (Section 5A of eCVP pkg)	
	#				TICs resemble reference spectra TICs between duplicate samples are consistent	
				'n	Checked samples for trends (i.e. Influent vs. Effluent, Field Dups, Field/Trip Blank, etc.)	
			ч		Data for multiple analyses of sample(s) has been evaluated for comparability of results	
			P	,	Special units for all samples in the final report are correctly calculated	
	ē	ο.		***	Manually entered results checked (i.e. TPH/NMOC)	
	00				Chain of Custody verified for any special comments (i.e. different compounds/RLs, action leve	els)
	0/				Chain of Custody scanned correctly	,,,,
					Verify sample id's vs. chain of custody	
	~12	. (			Date MDL(s) performed per instrument(s)	
					Samples pressurized w/ appropriate gas (N <sub>2</sub> or He) Other (i.e. Tedlar bag, cartridge	ze, sorbent)
					Final pressure consistent with canister size (6L vs. 1L)	
					Verify receipt pressures	
				_	Verify canister ID #'s	
	Ø		0		Final invoice amount correct (adjusted for TAT, Penalties, Re-issue Charges etc.)	
			<del>139</del>		MDL date(s) present for all instruments utilized	
	MA		4	- []	Client LUMEN report reviewed for accuracy and completeness	
Votasi	to inch	uda	wath	ua eau	males with OA/OC much laws. Planks with most the hits warmetters at a	
	(10 Inch	uue.	nou	ng san	mples with QA/QC problems, Blanks with positive hits, narratives, etc.)	
VR:	up (	3A		(D)		
0	wh c	) > / 1	-/-	(24		
		***				
1/Q:						
		1/A2			R/T M Q	
(A	nalytical	Rev	iew/	Date)	(Reporting Review/Date) (Management Review/Date) (QA Review/Date)	ite)
$A_1$ :					R: 49/16/09	
$A_2$ :					<u>T:</u>	

Note (1): Please check all the appropriate boxes. Indicate "NA" for any statement that does not apply.

Rev. 02/20/09

Note (2): Management reviewer and reporting reviewer must be separate individuals.